

FIGURE 1

FIGURE 2

AAAAUCUGGA AAUGUAACUU CUUAUUUCUG GUUGGCCACA UACAUCAACC AUAUUAUUGA
 AGACCAACAAG CAACAUAGAA AGUGGAAUCC AGUAGCAACA ACAGAGCAAC AAGGCGACC
 AAGAUUUUU CCCUCCUUAU GCUCCUUGCU CUUUCUGCAU GUGUUGCUAA CGCGACAAU
 UUUCCUCAU GCUCACAAGC UCCUAUAGCU UCCCUUCUUC CCCCAUACCU UCCAUCAUG
 AUAGCUUCAG UAUGUGAAAA CCCAGCUCUU CAGCCCUAUA GGCUCCAACA AGCAAUCGCA
 GCAAGCAACA UACCUUUAUC ACCCUUGUUG UUCAACAAU CGCCAGCCCU AUCUUUGGUG
 CAGUCAUUGG UACAAACCAU CAGGGCACAG CAGCUGCAGC AACUCGUGCU ACCUGUGAUC
 AACCAAGUAG CUCUGGCAA CCUUUCUCCC UACUCUCAGC AACAACAAU UCUUCCAUC
 AACCAACUGU CUACACUGAA CCCUGCUGCU UAUUUGCAGC AACAACUAAU ACCAUUCAGC
 CAGCUAGCUA CUGCCUACUC UCAGCAACAA CAACUUCUUC CAUUUAACCA AUUGGCCGCA
 CUGAACCCCG CUGCUUAUUU GCAGCAGCAA AUACUACUAC CAUUUAGCCA GCUAGCUGCA
 GCAAACCGUG CUUCCUUCUU GACACAGCAA CAGUUGCUGC CUUUCUACCA GCAGUUUGCG
 GCUAACCCCG CAACCCUCUU ACAACUACAA CAAUUGUUGC CCUUUGUCCA ACUUGC UUUG
 ACAGACCCAG CGGCCUCCUA CCAACAACAC AUCAUUGGUG GUGCCCUCUU UUGAUUGCU
 UAUUAGUUGU AAUUCAAUAA UAAAGUUUUU UGGAUGAUGU AUGUCCCAA CCAGAAUAA

FIGURE 3

CGAGTGATTC TTAAACCGA TTATTACACA AGTTAACCAC ACTAAAATTA ACATTGGTGA
 GCTCACTAAG AAATTTGGCT AATAATGTGT TCAATTGGTG TGATTTTAAT TGTAACCACT
 ATCGTGCCAT GATTTTTTTC TAGTGCAAAA TAGCCAAACC AAGCAAAACA TATGTGGCTA
 TAGCACGGTA CTAAAAAAG ATCACGTTTT ATCGGTTTGG TTCGTTTTGT ATACACCGAT
 TCGTTACACA TGTGTAAAGG TATTGCATCA CACCATTGTC ACCCATGTAT TTGGACAATA
 AGCAATGTGT ACACATTTCC ATAACGTAGT GTGGTAACAG TGGGTACATA AACCTGTTAT
 CCGAGAGGAA AAACCACTTA TTTATTGTAT TTTATCAAGT TTATCTTGCT TACGTATAAA
 GGCTCTCCTT TTTGGTGAAT AAATAACATA AAATAGTTCA AATAGAACGA ATGCATATTT
 TTATAACCCA ACAAAGTAAT CACTAAATGT CAAAACCAAC TAGATACCAT GTCATCTCTA
 AATATTGGGT TGTTCATTA GTGATTTACA GTTTTGGTTG ATCTATGGTA CAGTAGAGAT
 CCTTATCTTA CTAATATTCT TTTTGCAAAA TCGAAAATTA ATCTTGCAACA AGCACAAGGA
 GGAATAGAAT GATTATAAGA AAAACGTTTT AGCTTTTAAT TAGAACGTGT TCGTGTTCCCT
 CTGAGATGTG TATAAATATC TCTTAGATTA GTAGATAATA TATCGCACAT ATTATTGAGA
 GACTCTACAC ATATTTATAG AGAATCTAAT CATCTATTAT ATAGCGTGTA TAATAACTCT
 CCAACTAGCA ACATAGAAAG CACAATATTG TACCAATAAT GGCAGCCAAA ATATTTTGCC
 GGTTGATCGT TGTATCTTTC GTGTTATAAC ATGGTTATTA CCGTCGGTTT TATAAACCG
 TCATTATGCT CCTTGGTCTT TCTGCAAGTG CTGCTACGGC GAGCATTTTC CCGCAATGCT
 AGTAATACGA GGAACCAGAA AGACGTTTAC GACGATGCCG CTCGTAAAAG GCGGTTACGA
 CACAAGCTCC TATAGCTTCC CTTCTTCCCC CATACTCTC ACCAGCGATG TCTTCAGTAT
 GTGTTGAGG ATATCGAAGG GAAGAAGGGG GTATGGAGAG TGGTCGCTAC AGAAGTCATA
 GTGAAAATCC AATTCCTTCTA CCCTACAGGA TCCAACAGGC AATCGCAGCA GGCATCTTAC
 CACTTTTAGG TTAAGAAGAT GGGATGTCTT AGGTTGTCCG TTAGCGTCGT CCGTAGAATG
 CTTTATCACC CTTGTTCCCT CAACAATCAT CAGCCCTATT ACAGCAGTTA CCTTTGGTGC
 GAAATAGTGG GAACAAGGAG GTTGTTAGTA GTCGGGATAA TGTCGTCAAT GGAAACCACG
 ATTTATTGGC ACAAACATC AGGGCACAAC AACTACAACA ACTCGTGCTA GCAAACCTTG
 TAAATAACCG TGTTTTGTAG TCCCGTCTTG TTGATGTTGT TGAGCACGAT CGTTTGGAAC
 CTGCCTACTC TCAGCAACAG CAGTTACCTT TGGTGCATTT GTTGGCACAA AACATCAGGG
 GACGGATGAG AGTCGTTGTC GTCAATGGAA ACCACGTAAA CAACCGTGTT TTGTAGTCCC
 CACAACAAC TACAACAAC GTGCTAGCAA ACCTTGCTGC CTACTCTCAG CAACAACAGT
 GTGTTGTTGA TGTGTTGAG CACGATCGTT TGGAACGACG GATGAGAGTC GTTGTGTTCA
 TTCTGCCATT CAACCAACTA GCTGCATTGA ACTCTGCTGC TTATTTGCAG CAACAACAAC
 AAGACGGTAA GTTGGTTGAT CGACGTAAC TGAACGACG AATAAACGTC GTTGTGTTG

TACTACCATT	CAGCCAGCTA	GCTGCTGCCT	ACCCCCGGCA	ATTTCTTCCA	TTCAACCAAC
ATGATGGTAA	GTCGGTCGAT	CGACGACGGA	TGGGGGCCGT	TAAAGAAGGT	AAGTTGGTTG
TGGCAGCATT	GAACTCTCAT	GCTTATGTAC	AACAACAACA	ACTACTACCA	TTCAGCCAGC
ACCGTCGTAA	CTTGAGAGTA	CGAATACATG	TTGTTGTTGT	TGATGATGGT	AAGTCGGTCG
TAGCTGCTGT	GAGCCCTGCT	GCCTTCTTGA	CACAGCAACA	TTTGTGCCG	TTCTACCTGC
ATCGACGACA	CTCGGGACGA	CGGAAGAACT	GTGTCGTTGT	AAACAACGGC	AAGATGGACG
ACACTGCGCC	TAACGTTGGC	ACCTCTTAC	AACTGCAACA	ATTGCTGCCA	TTCGACCAAC
TGTGACGCGG	ATTGCAACCG	TGGGAGAATG	TTGACGTTGT	TAACGACGGT	AAGCTGGTTG
TTGCTTTGAC	AAACCCAGCA	GTGTTCTACC	AACAACCCAT	CATTGGTGGT	GCCCTCTTTT
AACGAACTG	TTTGGGTCGT	CACAAGATGG	TTGTTGGGTA	GTAACCACCA	CGGGAGAAAA
AGATTGCTTA	TGAGTTATAG	TTCAATAATA	AAGTTTTTTT	TGCTGATATT	TGTGGCTTCC
TCTAACGAAT	ACTCAATATC	AAGTTATTAT	TTCAAAAAAA	ACGACTATAA	ACACCGAAGG
CAGAAATAAG	AAAGTACATT	TCTAGATTCT	TATGTGCTTC	TAGT	
GTCTTTATTC	TTTCATGTAA	AGATCTAAGA	ATACACGAAG	ATCA	

- A. PRIMER 1
5' CCCGGGTAGATAATATATCGCAC 3'
- PRIMER 2
5' CCCGGGCTGCCATTATTGGTACAATATTGTGCTTTCTATG 3'
- B. PRIMER 1
5' CCCGGGCAAACCTTGCATGCCTACTCTCAGC 3'
- PRIMER 2
5' CCCGGGTAGTAGTTGTTGTTGCATGCAAATAAGCAGC 3'
- C. PRIMER 1
5' CCCGGGTCTAGATTGCTTATGAGTTATAGTTCAATA
ATAAAGTTTTTTTTGCTGATATTTGTGGCTTCCCAG 3'
- PRIMER 2
5' CCCGGGTCTAGAAATGTACTTTCTTA
TTTCTGGGAAGCCACAAATATCAGC 3'

Figure 4

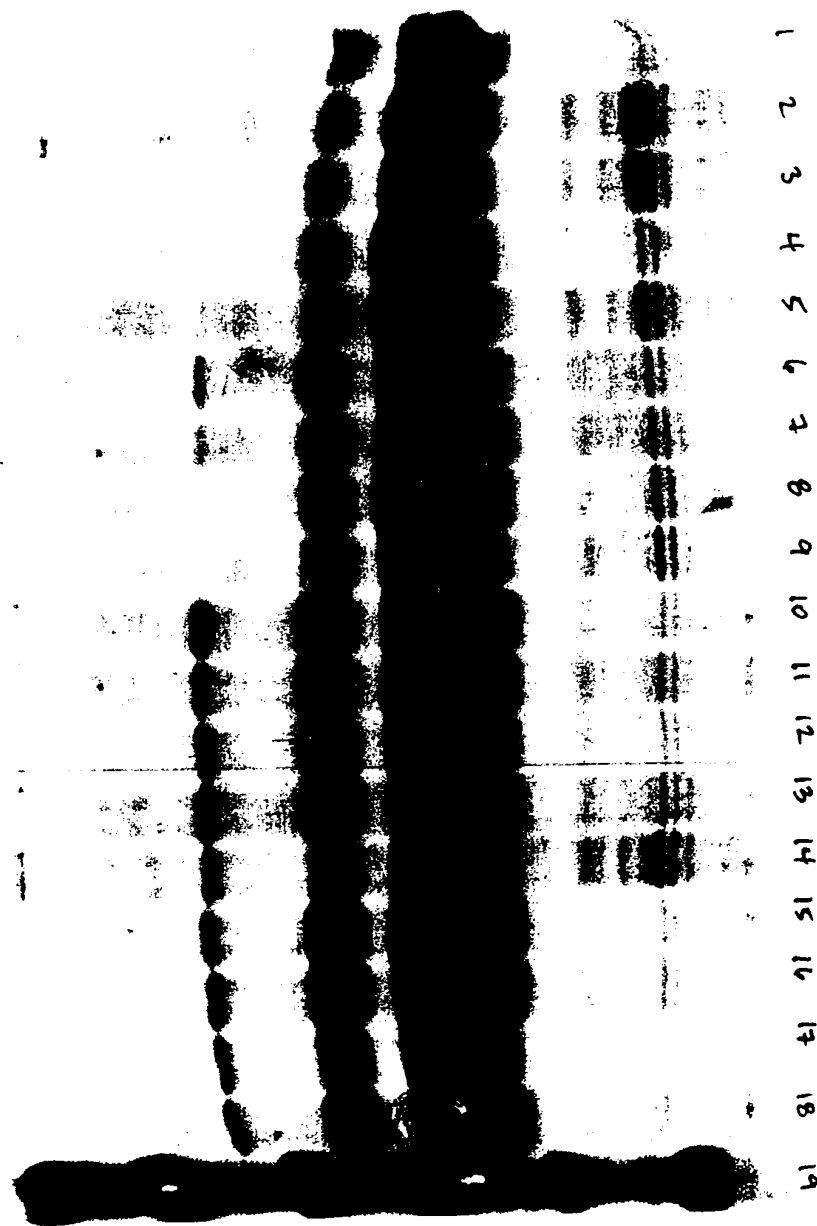


Figure 5

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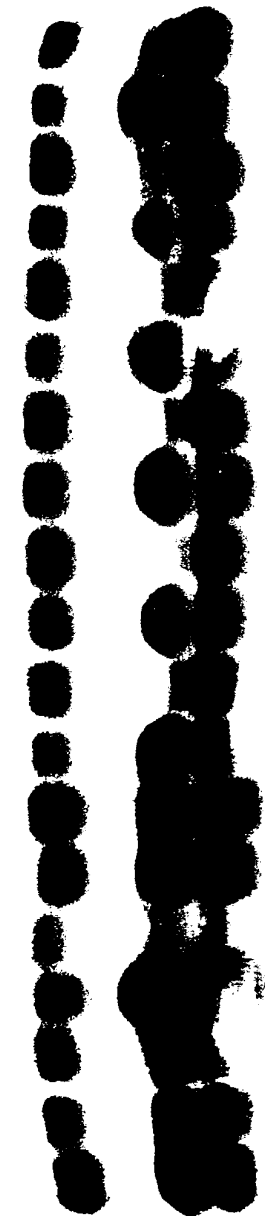


Figure 6

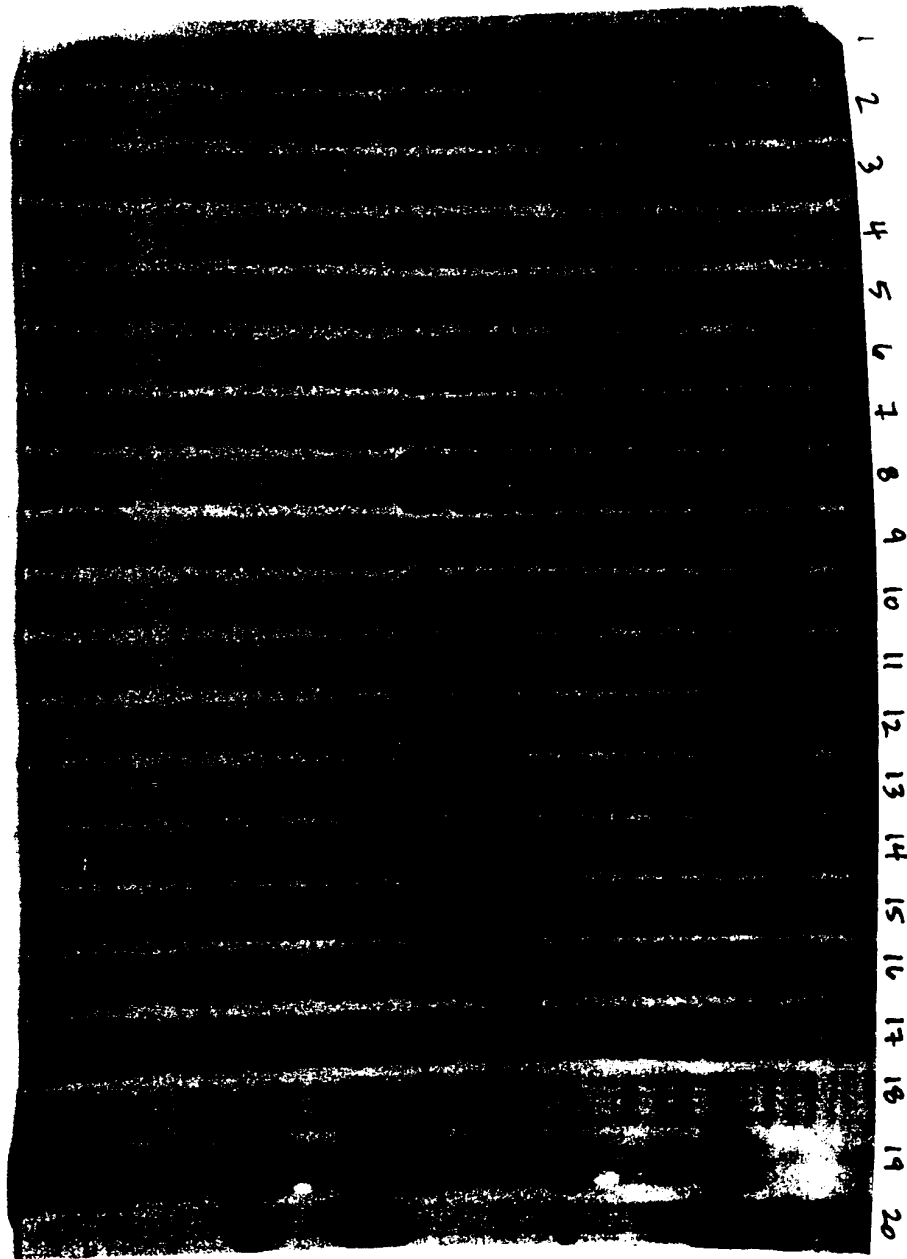


Figure 7

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



Figure 8

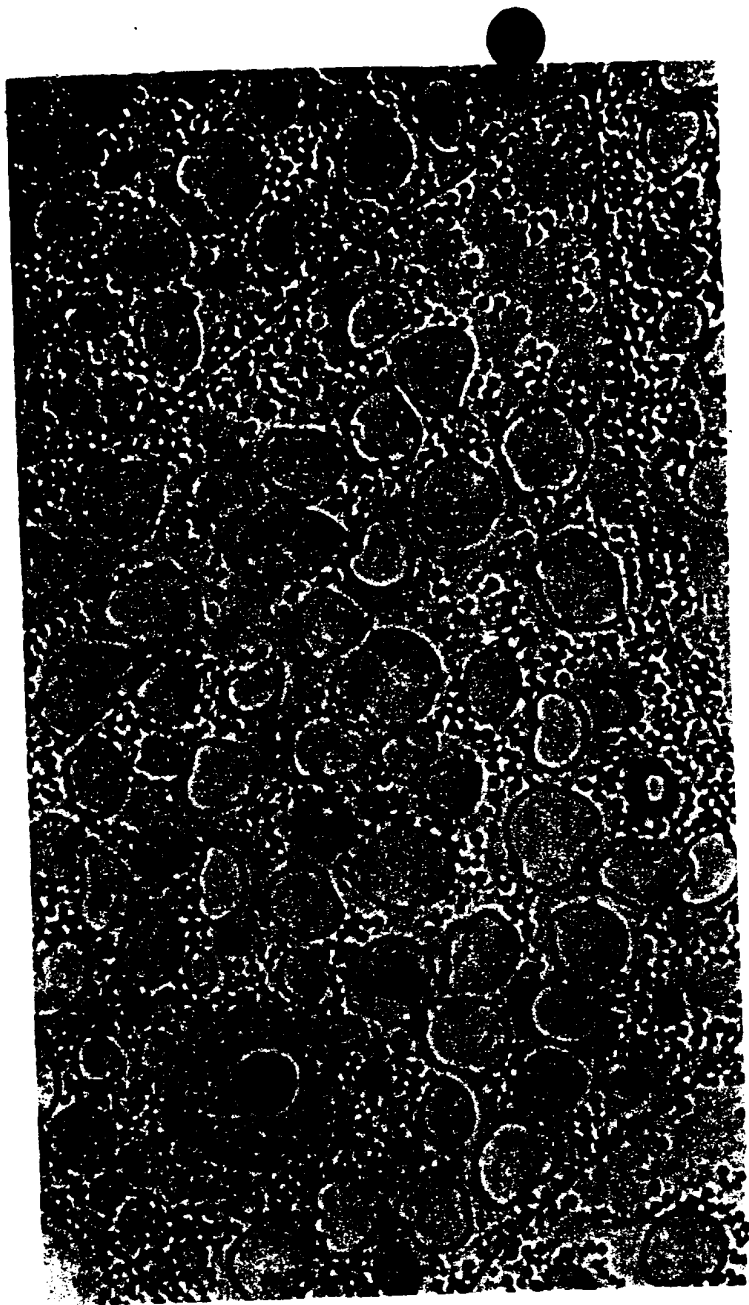


Figure 9

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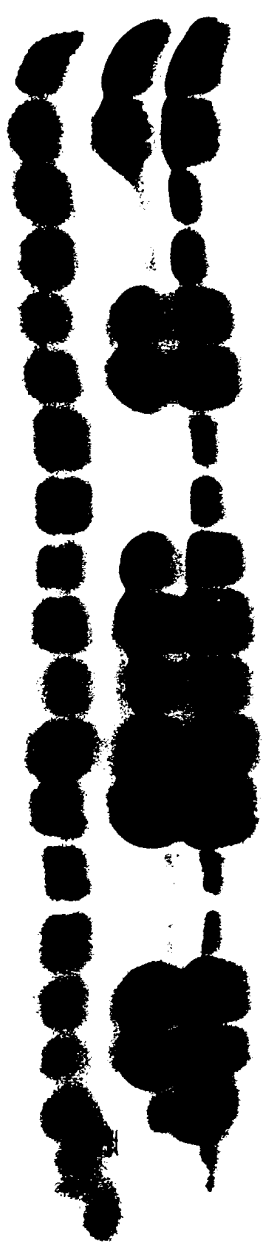


Figure 10